



1006 Rec'd PCT/PTO 23 SEP 2005 *PCT*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re ~~the~~ Application of:

CHUNG et al.

Serial No.: 10/539,946 ✓

Filed: June 16, 2005

Atty. File No.: 5252MC-2

For: PHARMACEUTICAL  
COMPOSITION FOR TREATMENT OF  
IMMUNOLOGICAL DISORDERS

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

) Group Art Unit: Not yet assigned  
)

) Examiner: Not yet assigned  
)

) INFORMATION DISCLOSURE STATEMENT  
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| <p style="text-align: center;">CERTIFICATE OF MAILING</p> <p>I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS<br/>BEING DEPOSITED WITH THE UNITED STATES<br/>POSTAL SERVICE AS FIRST CLASS MAIL IN AN<br/>ENVELOPE ADDRESSED TO THE COMMISSIONER FOR<br/>PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450<br/>ON <u>September 21, 2005</u><br/>BY: <u>SHERIDAN ROSS P.C.</u><br/><i>Carl W. Ross</i></p> |
|---|

Dear Sir:

The references cited on attached Form PTO-1449 are being called to the attention of the Examiner.

☒ Copies of the cited non-patent and/or foreign references are enclosed herewith.

☐ Copies of the cited U.S. patents and/or patent applications are enclosed herewith.

☐ Copies of the cited U.S. patents/patent application publications are not enclosed in accordance with the waivers dated July 11, 2003 and October 19, 2004, whereby patent applications filed, regardless of the filing date, need not submit copies of U.S. patents and U.S. patent application publications.

☐ Copies of the cited references are not enclosed, in accordance with 37 C.F.R. 1.98(d), because the references were cited by or submitted to the U.S. Patent and Trademark Office in prior application Serial No. \_\_\_\_\_ filed \_\_\_\_\_, which is relied upon for an earlier filing date under 35 U.S.C. § 120.

☐ To the best of applicants' belief, the pertinence of the foreign-language references are believed to be summarized in the attached English abstracts and in the figures, although applicants do not necessarily vouch for the accuracy of the translation.

☐ Examiner's attention is drawn to the following co-pending applications, copies of which have been or are being submitted:

Serial No. \_\_\_\_\_ filed \_\_\_\_\_

Serial No. \_\_\_\_\_ filed \_\_\_\_\_

☐ Other: \_\_\_\_\_

Submission of the above information is not intended as an admission that any item is citable under the statutes or rules to support a rejection, that any item disclosed represents analogous art, or that those skilled in the art would refer to or recognize the pertinence of any reference without the benefit of hindsight, nor should an inference be drawn as to the pertinence of the references based on the order in which they are presented. Submission of this statement should not be taken as an indication that a search has been conducted, or that no better art exists.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application and the references made of record therein.

#### FEES

|                                     |  |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | <p><b>37 CFR 1.97(b):</b> No fee is believed due in connection with this submission, because the information disclosure statement submitted herewith is satisfies one of the following conditions ("X" indicates satisfaction):</p> <ul style="list-style-type: none"><li><input type="checkbox"/> Within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d), or</li><li><input type="checkbox"/> Within three months of the date of entry into the national stage of an international application as set forth in 37 CFR 1.491 or</li><li><input checked="" type="checkbox"/> Before the mailing date of a first Office Action on the merits, or</li><li><input type="checkbox"/> Before the mailing of a first Office action after the filing of a request for continued examination under 37 CFR 1.114.</li></ul> <p>Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Deposit Account 19-1970.</p>  |
| <input type="checkbox"/>            | <p><b>37 CFR 1.97(c):</b> The information disclosure statement transmitted herewith is being filed after all the above conditions (37 CFR 1.97(b)), but before the mailing date of one of the following conditions:</p> <ul style="list-style-type: none"><li>(1) a final action under 37 C.F.R. 1.113 or</li><li>(2) a notice of allowance under 37 C.F.R. 1.311, or</li><li>(3) an action that otherwise closes prosecution in the application.</li></ul> <p>This Information Disclosure Statement is accompanied by:</p> <ul style="list-style-type: none"><li><input type="checkbox"/> A Certification (below) as specified by 37 C.F.R. 1.97(e). Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Deposit Account 19-1970.</li></ul> <p style="text-align: center;">OR</p> <ul style="list-style-type: none"><li><input type="checkbox"/> Please charge Deposit Account 19-1970 in the amount of \$180.00 for the fee set forth in 37 C.F.R. 1.17(p) for submission of an information disclosure statement. Please credit any overpayment or charge any underpayment to Deposit Account 19-1970.</li></ul> |

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| <input type="checkbox"/> | <p><b>37 CFR 1.97(d):</b> This Information Disclosure Statement is being submitted after the period specified in 37 CFR 1.97(c).</p> <p><input type="checkbox"/> This information Disclosure Statement includes a Certification (below) as specified by 37 C.F.R. 1.97(e)<br/>AND</p> <p><input type="checkbox"/> Applicants hereby requests consideration of the reference(s) disclosed herein. Please charge Deposit Account 19-1970 in the amount of \$180.00 under 37 C.F.R. 1.17(p). Please credit any overpayment or charge any underpayment to Deposit Account 19-1970. Election to pay the fee should not be taken as an indication that applicant(s) cannot execute a certification.</p> |
|--------------------------|---|

**Certification (37 C.F.R. 1.97(e))**  
(Applicable only if checked)

- ☐ The undersigned certifies that:
- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. 1.97(e)(1).
  - ☐ A copy of the communication from the foreign patent office is enclosed.

OR

- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement. 37 C.F.R. 1.97(e)(2).

Respectfully submitted,

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Date: 21 Sept. 2005

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|---|---|----|---|--------------------------|------------------|
| Substitute for form 1449A/PTD<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b> |   |    |   | <b>Complete if Known</b> |                  |
|   |   |    |   | Application Number       | 10/539,946       |
|   |   |    |   | Filing Date              | June 16, 2005    |
|   |   |    |   | First Named Inventor     | Yong-Hoon Chung  |
|   |   |    |   | Art Unit                 | Not yet assigned |
|   |   |    |   | Examiner Name            | Not yet assigned |
| Sheet   | 1 | of | 1 | Attorney Docket Number   | 5252MC-2         |

| U.S. PATENT DOCUMENTS |                       |   |                                |  |   |
|-----------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number<br>Number-kind Code <sup>2 (if known)</sup> | Publication Date<br>MM-DD-YYYY | Name of Patentee of<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                       | US-   |                                |  |   |
|                       |                       | US-   |                                |  |   |
|                       |                       | US-   |                                |  |   |
|                       |                       | US-   |                                |  |   |
|                       |                       | US-   |                                |  |   |
|                       |                       | US-   |                                |  |   |

| FOREIGN PATENT DOCUMENTS |                       |   |   |  |                                |  |   |                |
|--------------------------|-----------------------|---|---|--|--------------------------------|--|---|----------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   |   |  | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear | T <sup>6</sup> |
|                          |                       | Country Code <sup>3</sup> ; Number <sup>4</sup> ; Kind Code <sup>5</sup> (if known) |   |  |                                |  |   |                |
|                          |                       | PCT   |   |  |                                |  |   |                |
|                          |                       |   | - |  |                                |  |   |                |
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|                          |                       |   | - |  |                                |  |   |                |
|                          |                       |   | - |  |                                |  |   |                |

| OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.) |                       |  |
|--|-----------------------|--|
| Examiner Initials*   | Cite No. <sup>1</sup> |  |
|  |                       | Stell, D et al. "CTLA4-Ig abrogates the anti-globulin response and prolongs cardiac allograft survival after anti-CD2 treatment" in Transpl Immunol, 2003 vol. 12, No. 1., p. 1-7  |
|  |                       | Biancone, L et al. "Distinct Regulatory Roles of Lymphocyte Costimulatory Pathways on T Helper Type 2-Mediated Autoimmune Disease" in J Exp Med. 1996 vol. 183, No. 4, p. 1473-81  |
|  |                       | Cai, XF et al. "Molecular Cloning, Characterisation and Tissue-specific Expression of Human LAG3, a Member of the Novel Lag1 Protein Family" in DNA Seq. 2003 vol. 14, No. 2, p. 79-86   |
|  |                       | Tsuchiya, N. et al. "Genetic Background of Japanese Patients with Antineutrophil Cytoplasmic Antibody-Associated Vasculitis: Associate of HLA-DRB1*0901 with Microscopic Polyangiitis" in J Rheumatology, 2003. 30, No. 7, p. 1534-40. |

|                    |  |                 |  |
|--------------------|--|-----------------|--|
| Examiner Signature |  | Date Considered |  |
|--------------------|--|-----------------|--|

\*EXAMINER: Initial if reference is considered, whether or not citation is in conformance and not considered. Include copy of this form with next communication to applicant.